

Global Photoelectric Direct Reading Water Meter Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Photoelectric Direct Reading Water Meter market size was valued at US\$ million in 2025 and is forecast to a readjusted size of US\$ million by 2032 with a CAGR of %during review period.

The photoelectric direct-reading water meter (LXZD) consists of a high-precision mechanical water meter embedded with a photoelectric direct-reading module and an M-BUS data communication module. While performing normal mechanical measurement, it can be powered by the bus and read the mechanical dial value without distortion.

The service life of the photoelectric direct reading water meter is relatively long, after all, there will be no wear and tear, so the service life is relatively good. In addition, this kind of power supply is also very simple, that is, when the degree or the valve is activated, the power supply is needed. This kind of energy consumption is still relatively low. In addition, this kind of reading is convenient, the installation is simple, this kind of safe use is still very convenient, so the advantages are still very obvious. Nowadays, in the intelligent management of the water supply department, it can be said that through the use of this intelligent water meter, the way of safe management and intelligent management is truly achieved. Not only is the investment cost reduced, the key is that the convenient user solves everyone's troubles, but also For the water supply department, there is no need for a matter of inaccurate meter reading or the problem of arrears of water fees by users. In short, these aspects have been well resolved. From the user's point of view, this kind of intelligent improvement of water meters can indeed understand their own water consumption information more intuitively, and it is also more convenient to pay. The payment can be made on the mobile phone, which is indeed very convenient.

This report is a detailed and comprehensive analysis for global Photoelectric Direct Reading Water Meter market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Photoelectric Direct Reading Water Meter market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Photoelectric Direct Reading Water Meter market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Photoelectric Direct Reading Water Meter market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Photoelectric Direct Reading Water Meter market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Photoelectric Direct Reading Water Meter
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Photoelectric Direct Reading Water Meter

market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Wasion, Shenzhen Jiefan Intelligent Technology Co., Ltd., Guangrui Electronic Technology Co., Ltd., Hebei Shanghong Water Meters Technology Co.,Ltd., Wenling Youniu Water Meter Co., Ltd., Aclara Technologies LLC, EDM I Limited, Enel S.p.A., Honeywell International Inc., Itron,Inc., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Photoelectric Direct Reading Water Meter market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Photoelectric Correlation

Photoelectric Reflective

Market segment by Application

Community Property Management Company

Water Company

Energy Management Office

Others

Major players covered

Wasion

Shenzhen Jiefan Intelligent Technology Co., Ltd.

Guangrui Electronic Technology Co., Ltd.

Hebei Shanghong Water Meters Technology Co.,Ltd.

Wenling Youniu Water Meter Co., Ltd.

Aclara Technologies LLC

EDMI Limited

Enel S.p.A.

Honeywell International Inc.

Itron, Inc.

Kamstrup A/S

Landis+Gyr Group AG

Schneider Electric

Sensus(Xylem Inc.)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Photoelectric Direct Reading Water Meter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Photoelectric Direct Reading Water Meter, with price, sales quantity, revenue, and global market share of Photoelectric Direct Reading Water Meter from 2021 to 2026.

Chapter 3, the Photoelectric Direct Reading Water Meter competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Photoelectric Direct Reading Water Meter breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Photoelectric Direct Reading Water Meter market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Photoelectric Direct Reading Water Meter.

Chapter 14 and 15, to describe Photoelectric Direct Reading Water Meter sales channel, distributors, customers, research findings and conclusion.

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